



Traffic Calming Toolbox

The Federal Highway Administration defines traffic calming as a combination of mainly physical measures that reduce the negative effect of motor vehicle use and improve conditions for non-motorized street users. In this way, traffic calming strategies help to balance motor vehicle traffic with other uses. The following traffic calming strategies may be appropriate in a “bike boulevard” or “friendly” street in the City of Saint Paul.

Please note that the appropriateness of each of these strategies depends on the context in which it is to be placed. Issues such as emergency vehicle routes, bus routes, traffic volume, and surrounding land uses are among those that need to be considered when making traffic calming choices. For more information about these strategies, please contact Emily Erickson (emily.erickson@ci.stpaul.mn.us).

Techniques	Description
<p><i>Bump outs</i></p> 	<p>Curb extensions at intersections that reduce curb-to curb roadway travel lane widths.</p>
<p><i>Colored pavement markings</i></p> 	<p>Distinctive surfaces which assist cyclists crossing conflict areas and encourage driver awareness.</p>

Flasher with automated pedestrian and bicyclist detection



Small traffic signals that flash when the presence of a pedestrian or cyclists is detected, alerting vehicles.

Refuge island



Raised median which facilitates crossings of busy streets by providing a space in the center of the roadway for bicyclists or pedestrians to wait for gaps in traffic. Refuges also reduce potential crashes by restrict left-turn movements.

Roadways Art



Roadway murals which promote community and placemaking through public art. These pavement markings encourage road user awareness.

Sharrows



Pavement marking with a bike symbol and arrow graphic to indicate a shared bike-vehicle route. These symbols raise awareness of all users and help cyclists better position themselves on roadways.

Signage and wayfinding



Signs of varying types placed along the route. These signs can provide identification information to users that the road is a bicycle boulevard and also provide directional information to identify turns and proximity to destinations.

Speed display sign



Radar speed signs that provide driver feedback on speed of travel and effectively reduce speeds on the section of roadway on which they are placed.

Speed humps



Flat-topped speed humps often constructed with a brick or other textured material to slow traffic.

Traffic circle



Raised circular islands located in the center of an intersection, directing all traffic in the same direction. Typically, stop signs at the intersection are removed.